

Cincinnati Die Cast Site Assessment
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WO #: 26405.012.001.0779.00
PCN: 779-4E-ATAC



"Rite in the Rain"[®]
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US EPA RECORDS CENTER REGION 5



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CONTENTS

PAGE REFERENCE DATE

USEPA

OSC Steve Lanninger 513-260-7849

START

Randy Kirklund - 737-602-3889

John Sherrard - 513-763-3892

Cif.D.

Duane Herth 513-368-1385

Kirklund Cincinnati Die Cast SA 9-30-09

0915: START Randy Kirklund (RK) + John Sherrard (JS)

meet w/ OSC Steve Lanninger (SR) + C.F.D. Duane Herth (D.H.) on site. Weather is overcast, temp ~ 47°F. START to assist USEPA w/ recon on site assessment field activities at the former Cincinnati Die Cast facility, located at 4524 W. Mitchell Ave, Cincinnati, OH. (RK)

0930: HAST briefing held. OSC SR to conduct rd survey w/ Ludlum 192. RK to conduct soil XRF reading using Niton XLST slp 36524. (RK)

1000: RK, JS, SR, + DH enter facility. Bldg has piles of debris on @ 80% of floor surface. Large holes noted throughout ceiling. Trough in floor on S side w/ possible oil + water in them. Old furnace parts from die cast ops located in E corner. Transformer pad is empty. Numerous (15-25) drums located throughout facility. (RK)

1020: SR noted no Rad source above background.

RK conducted XRF survey. Data to be downloaded + summarized at later date. (RK)

1030: START collected sample CDC-WL1-093009 from

UST near N-WB wall from UST. UST has used oil + possible product. (RK)

- Kirkland CDC SA 9-30-09
- 1042: START collected sample CDC-WL2-093009 from 30-gal drum. Appears to contain oil/H₂O. Drum #1.
- 1045: START collected sample CDC-WL3-093009 from 1-gal container of "print thinner". Drum #11.
- 1050: START collected sample CDC-WL4-093009 from small bucket labeled "bonding adhesive". Drum #12.
- 1058: START collected sample CDC-WL1-093009 from burn pile located in NE corner of building.
- 1104: START collected sample CDC-WL2-093009 from debris/ sediment located in floor trough near NE corner of facility.
- 1106: START collected sample CDC-WL3-093009 from debris/ sediment located in floor trough along E wall.
- 1114: START collected sample CDC-WL5-093009 from 55-gal drum located along NW wall. Drum #2.
- 1120: START collected sample CDC-WL6-093009 from 30-gal drum located near NE corner. Contents appear to be oil/grease. Drum #4.
- 1122: START collected sample CDC-WL7-093009 from open tank near NE corner. Contents appear to be used oil. Drum #5.
- 1131: START collected sample from CDC-WL8-093009 from 55-gal drum located outside NW wall. VOC = 117 ppm in head space of drum. Drum #3.



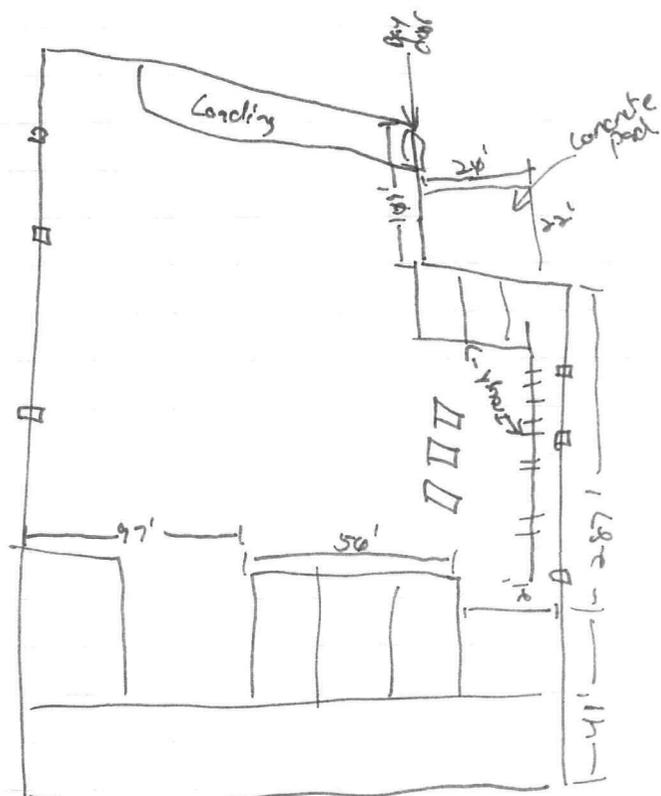
- Kirkland CDC SA 9-30-09
- 1145: START collected sample CDC-WL4-093009 from former transformer pad soil.
- 1203: START collected sample CDC-WL5-093009 from corroded drum located along E wall. XRF of contents = Ar = 1293, Pb = 1032. Drum #7.
- 1205: START collected sample CDC-WL6-093009 from former die casting vessel/furnace.
- 1222: START collected sample CDC-WL7-093009 from 55-gal drum (deteriorated) of light grey paint.
- 1200: START collected blind duplicate sample CDC-WL10-093009 from 1-gal "print thinner" container. Drum #9.
- 1250: Drum #6, + 10 not sampled due to contents. Contents appeared to be rain water w/o VOC, CO, H₂S, LEC hits.
- 1310: SR determined samples be analyzed for:
- | | |
|-----------------|-------------------------------------|
| CDC-1041-093009 | - TPH, Total PCBs, Total RHM Metals |
| -WL3- | - flashpoint, Total VOCs |
| -WL4 | - flashpoint, |
| -WL1- | - TCLP Lead |
| -WL2- | |
| -WL5- | |
| -WL6- | - TPH, Total PCBs |
| -WL7- | |
| -WL8- | - flashpoint, TCLP RHM Metals |

Kirkland CDC SA 9-30-07

1316 cont: CDC-WS4 - 0730019 - Total PCBs 100

- WS5 -	- TCUK Left Metals
- WS6 -	↓ ↓ ↓
- WS9 -	- Total Left Metals
↓ - WL10 -	- Flashpoint 100

1330: RK conducted sketch & measurements at facility.



444' x 168' 100

Kirkland CDC SA 9-30-07

1430: Samples packaged + CDC completed. 19 photos taken.

1445: START + OSC departed site 100

1730: RK relinquished sample to TESTAMERICA Lab. 100



Kirkland

CDC SA

10-27-05

- 1036: KK + JS onsite to collect ~~sample~~ collect 2
 | soil sample for TCLP RRA metals analysis.
- 1100: STALS collected sample CDC-W57-102705 from
 | composite of floor debris + sediment located near
 center of facility. ———— (JK)
- 1130: sample packaged. COC completed. STALS departed site.
- 1677: RK relinquished sample to TestAmerica Lab. ———— (JK)

